

ABSTRACT OF THE DISCLOSURE

[0061] According to embodiments of the present invention, an adaptable traffic control system, method, article of manufacture, and apparatus receive a user-programmed value representing an amount of target traffic allowed through a connectivity device port and a user-programmed value representing a time interval during which to receive the allowed amount of target traffic. The two values define a percentage of target traffic allowed through the port for a particular port speed. One embodiment determines that port speed changed by a factor of N , scales the time interval by a factor of $1/N$, and based on the allowed amount of target traffic and the scaled time interval, drops incoming target traffic when the received percentage of incoming target traffic is equal to (or greater than) the defined percentage of target traffic allowed through the port.